

7. The method of claim 5 where the modification comprises at least one of pulse width modification, frequency shift control, or shut down.

5 8. The method of claim 6 where the blocking is accomplished using logic gates.

9. The method of claim 7 where the blocking is accomplished using logic gates.

10 10. The method of claim 5 where the blocked signals are DC voltages, and the lamp driving pulses are AC voltages.

11. A method of providing fault protection to a circuit comprising:  
filtering transient from nontransient fault conditions;  
modifying circuit output in the event of a nontransient fault condition.

15 12. The method of claim 11 further comprising fully protecting the circuit during transient fault conditions.

20 13. The method of claim 12, where said fully protecting the circuit during transient fault conditions further comprises an immediate response to said transient fault conditions.

14. The method of claim 13 where fully protecting the circuit during transient fault conditions comprises blocking the driving signals from the

load.

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15. The method of claim 14 where modifying circuit output comprises a least one of .  
pulse width modification, frequency shift control, or shut down.

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16. The method of claim 12 further comprising an insignificant or imperceptible effect  
on the load performance during said transient fault condition protection.

17. The method of claim 13 further comprising an insignificant or imperceptible effect  
on the load performance during said transient fault condition protection.

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18. Apparatus for providing fault protection to a lighting device, the apparatus  
comprising:  
a controller which blocks the light driving signals in response to a fault condition,  
and modifies said driving signals if said condition persists.

19. The apparatus of claim 18 further comprising hardware arranged to cause said  
blocking upon the detection of a fault condition.

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20. The apparatus of claim 19 where said hardware comprises logic gates.

21. A circuit for controlling a lighting device comprising:  
a pulse generator for generating at least one pulse train having parameters  
indicative of a power level at which said lighting device should operate;